

Primary drive

By ratio:

1:1.8461

1:1.3125

1:1.4666

Transmission

5 speeds, frontal engagement, constant mesh gears.

Pedal operated on central left-hand side of the motorcycle.

Gear ratios: 1st gear

1:2.0336 (tooth ratio = 11/6)

2nd gear

1:1.6288 (tooth ratio = 4/3)

3rd gear

1:1.2177 (tooth ratio = 9/3)

4th gear

1:1.0555 (tooth ratio = 18/19)

High gear

1:0.9000 (tooth ratio = 20/18)

Final drive

Ratio:

By shaft with universal joint and gear set

1:3.875 (tooth ratio = 8/31)

Overall gear ratios (engine-wheel):

Low gear

1:16.9083

1:12.0213

1:13.4333

2nd gear

1:11.7519

1:8.3555

1:9.3369

3rd gear

1:9.1402

1:6.4987

1:7.2650

4th gear

1:7.5506

1:5.3685

1:5.9990

High gear

1:6.4382

1:4.5773

1:5.1150

FRAME

Cradle, tubular structure.

Suspension

Front

Telescopic forks with oleo shock absorbers

Telescopic forks with hydraulic shock absorbers.

Rear

Swinging arm with two shock absorbers springs and adjustable hydraulic damper absorbers.

Swinging arm with adjustable concentric springs on the hydraulic with adjustable preloaded.

Swinging arm with adjustable concentric springs on the shock absorbers oleo shock.

Wheels

Spoked, with steel rims

Light alloy cast

Spoked, with aluminum rims

Spoked with steel rims

Front

2.15x18"

MT H2-2.50x18"

WM 1.6x21"

2.15x18"

Rear

2.50x16"

MT H2-2.75x18"

WM 2.15x18"

2.50x16"

Tyres

Front

100/90-H18"

100/90 V 18

300 S 21"

100/90-H18

Rear

130/90-H16"

120/80 V 18

400 S 18"

130/90-H16

Brakes

Front

Disk with caliper, twin brake cylinder.

Brake lever on right handlebar.

Ø disk

270 mm

260 mm

Ø brake cylinder

32 mm

32 mm

Ø master cylinder

13 mm

11 mm

Rear

Disk with caliper, twin brake cylinder.

Brake pedal on center-right of motorcycle.

Ø disk

260 mm

235 mm

260 mm

Ø brake cylinder

12.7 mm

15.875 mm

12.7 mm

Ø master cylinder

12.7 mm

15.875 mm

12.7 mm

The rear brake is connected to the front left brake by hydraulic transmission, with the dimensions of the single components being the same as the front brake.

The front brake is a controlled brake.

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